

Application No. **83496**

**APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADA**

THIS SPACE FOR OFFICE USE ONLY	
Date of Filing in State Engineer's Office	FEB 03 2014
Returned to applicant for correction	_____
Corrected Application filed	Map filed FEB 03 2014

The applicant Searchlight Land, LLC

5401 Longly Lane, Ste. # 42

Street Address or P.O. Box

of Reno

City or Town

Nevada 89511

State and ZIP Code

hereby make(s) application for permission to appropriate the

public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Elli Mills, Managing Member, Searchlight Land, LLC, 5401 Longly Lane, Ste. # 42, Reno, NV 89511

Letter from the Triple L Bar Family Trust, parcel 250-03-701-001 owner of record, authorizing Searchlight Land, LLC to make application for water rights (attached).

1. The source of water is Underground

Name of the stream, lake, underground, spring or other sources.

2. The amount of water applied for is 0.5578 second feet, not to exceed 150 acre feet per year.

One second foot equals 448.83 gallons per minute.

(a) If stored in a reservoir give the number of acre-feet one acre foot

3. The water is to be used for Mining and Mineral Processing

Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated _____

(b) Stockwater, state number and kind of animals _____

(c) Other use (describe fully in No. 12) _____

(d) Power:

(1) Horsepower developed _____

(2) Point of return of water to stream _____

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Pioche Valley

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

The point of diversion is 2723.4 feet bearing south 50 degrees, 46 minutes, 08 seconds east to the south^{EAST} corner of Section 3, Township 29 South, Range 63 East, Mount Diablo Baseline and Meridian.

The point of diversion is located in the NW1/4 SE1/4 Section 3, Township 29 South, Range 63 East, Mount Diablo Baseline and Meridian.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

Primary use of the water will be on Clark County Parcel # 250-03-701-001 located in the NW1/4 ^ESW1/4 and the SW1/4 NE1/4 Section 3, Township 29 ~~South~~ Range 63 E, Mount Diablo Baseline and Meridian. Additional water use will be in portions of E1/2 NE1/4, E1/2 SE1/4 Section 33; S1/2 Section 34, T28S, R63E, Mount Diablo Baseline and Meridian; and portions of Section 3, NE1/4 NE1/4 Section 10, W1/2, SE1/4 Section 11, T29S, R63E, Mount Diablo Baseline and Meridian.

7. Use will begin about January 1 and end about December 31 of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

A ten inch well will be drilled to 500 feet and tested for water production by the licensed well driller. The well will be steel cased with slotted casing in the production zones. An electric pump will be installed. See mine eng. data sheet.

9. Estimated cost of works: \$80,000.00

10. Estimated time required to construct works: Four months.

(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: one year*

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

The type of operation will be the reprocessing of tailings to extract gold, silver, and other heavy metals. The tailings material will be screened, crushed, agglomerated and placed on an impervious lined pad for heap leaching. See mine eng. data sheet for additional use information.

13. Miscellaneous remarks:

The project will have a finite life of 10 years. The tailings in the area that are within an economic haul distance will be consumed within the project life and the rinsing will be completed to achieve reclamation and site closure regulatory criterial.

arai01@sbcglobal.net

E-mail Address

775-741-3897

Phone No.

Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Dennis M. Anderson, Agent

Type or print name clearly

Signature, applicant or agent

Anderson Resource Associates, Inc.

Company Name

PO Box 1676

Street Address or PO Box

Carson City, Nevada 89702

City, State, ZIP Code

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Searchlight Mine Tailings Project Water Use and Balance Calculations

7.48 gallons / cu ft

8.35 pounds per U.S. gallon

43,560 cu ft / acre =

325,851 gallons per acre foot

cubic foot	gallons
1.00	7.48

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Water use when operating at 5,000 ton per day processing

20% Por. 30% Porosity of the ore

Gallons per day

187,013 280,519 Process ore saturation

1,500 1,500 Met Labs

1,000 1,000 Office

2,500 2,500 Crusher dust control

40,000 40,000 Road dust control

23,201 32,552 Evaporation and contingency at 10%

255,214 358,071 Water total day

177 249 gallons per min

Ore saturation and leachate flow within the ore

Day Use

lbs tons

2,000 2,000

2,000 5,000

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Annual water use with ore saturation and other uses included	Gallons/Day	Days	Gallons/Yr
20% Por	255,214	120	30,625,714
30% Por	358,071	120	42,968,571

Recirculation Water

The ore saturation is estimated at 16.5%	Saturation percent
Recirculation water at 20% ore porosity	16.50
Recirculation water at 30% ore porosity	16.50

Ore Porosity	gallons per year total
20.00	30.00
30.00	30.00

Recirculation water percentage	Recirculation water percentage
3.50	13.50
3.50	13.50

Gallons per day Process solution	Recirculation water/day
187,012.99	6,545.45
280,519.48	37,870.13

Gallons per year Process solution	Gallons per year Process solution
22,441,558.44	33,662,337.66
4,544,425.58	13.95

Annual Acre Feet	Project Contingency	Annual Acre Feet with contingency
94 Project water needs at 600,000 tons per year	12%	105
132 Project water needs at 600,000 tons per year	12%	148

Recirculation water/year	Acre Feet
785,454.55	2.41
4,544,425.58	13.95

The water appropriation application is based on this estimate rounded up to 150 annual acre feet.

GENERAL INFORMATION	
PARCEL NO.	250-03-701-001
OWNER AND MAILING ADDRESS	TRIPLE L BAR K FAMILY TRUST WHIPPLE LAIRD TRS 448 INTREPID CT BOULDER CITY NV 89005-1505
LOCATION ADDRESS CITY/UNINCORPORATED TOWN	SEARCHLIGHT
ASSESSOR DESCRIPTION	PT MINERAL SURVEY #4058 NEVADA SEC 03 TWP 29 RNG 63
RECORDED DOCUMENT NO.	* 20050705:03220
RECORDED DATE	07/05/2005
VESTING	NO STATUS

*Note: Only documents from September 15, 1999 through present are available for viewing.

ASSESSMENT INFORMATION AND SUPPLEMENTAL VALUE	
TAX DISTRICT	700
APPRAISAL YEAR	2013
FISCAL YEAR	13-14
SUPPLEMENTAL IMPROVEMENT VALUE	0
SUPPLEMENTAL IMPROVEMENT ACCOUNT NUMBER	N/A

REAL PROPERTY ASSESSED VALUE		
FISCAL YEAR	2013-14	2014-15
LAND	7161	7161
IMPROVEMENTS	0	0
PERSONAL PROPERTY	0	0
EXEMPT	0	0
GROSS ASSESSED (SUBTOTAL)	7161	7161
TAXABLE LAND+IMP (SUBTOTAL)	20460	20460
COMMON ELEMENT ALLOCATION ASSD	0	0
TOTAL ASSESSED VALUE	7161	7161
TOTAL TAXABLE VALUE	20460	20460

ESTIMATED LOT SIZE AND APPRAISAL INFORMATION	
ESTIMATED SIZE	20.46 Acres
ORIGINAL CONST. YEAR	0
LAST SALE PRICE MONTH/YEAR	163680 07/05
LAND USE	0-00 VACANT
DWELLING UNITS	0

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